Data Profiling Report

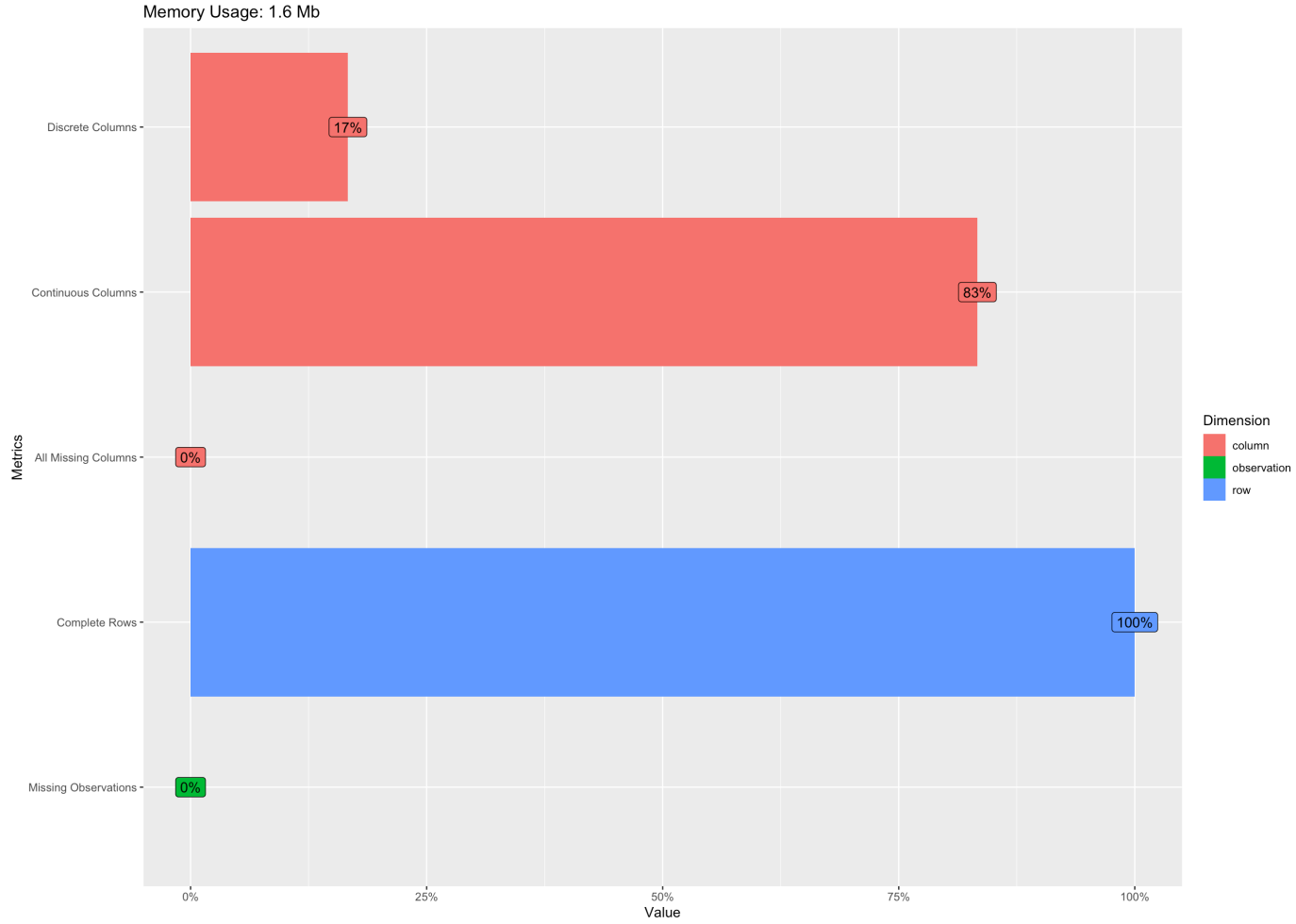
- Basic Statistics
  - Raw Counts
  - Percentages
- Data Structure
- Missing Data Profile
- Univariate Distribution
  - Histogram
  - Bar Chart (with frequency)
  - QQ Plot
- Correlation Analysis
- Principal Component Analysis

Basic Statistics

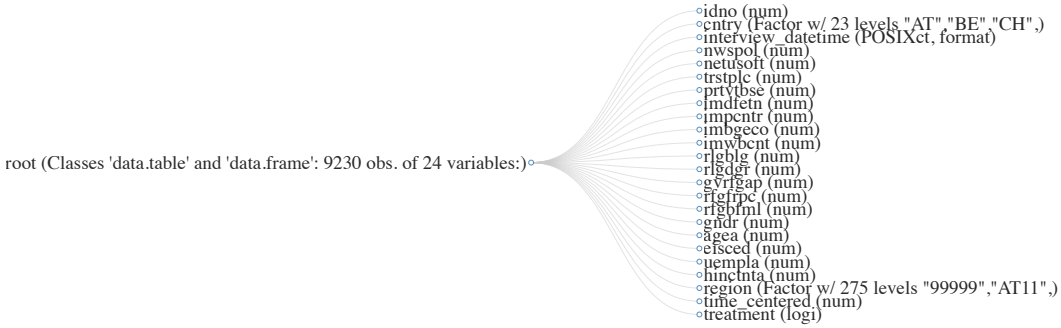
Raw Counts

Name	Value
Rows	9,230
Columns	24
Discrete columns	4
Continuous columns	20
All missing columns	0
Missing observations	0
Complete Rows	9,230
Total observations	221,520
Memory allocation	1.6 Mb

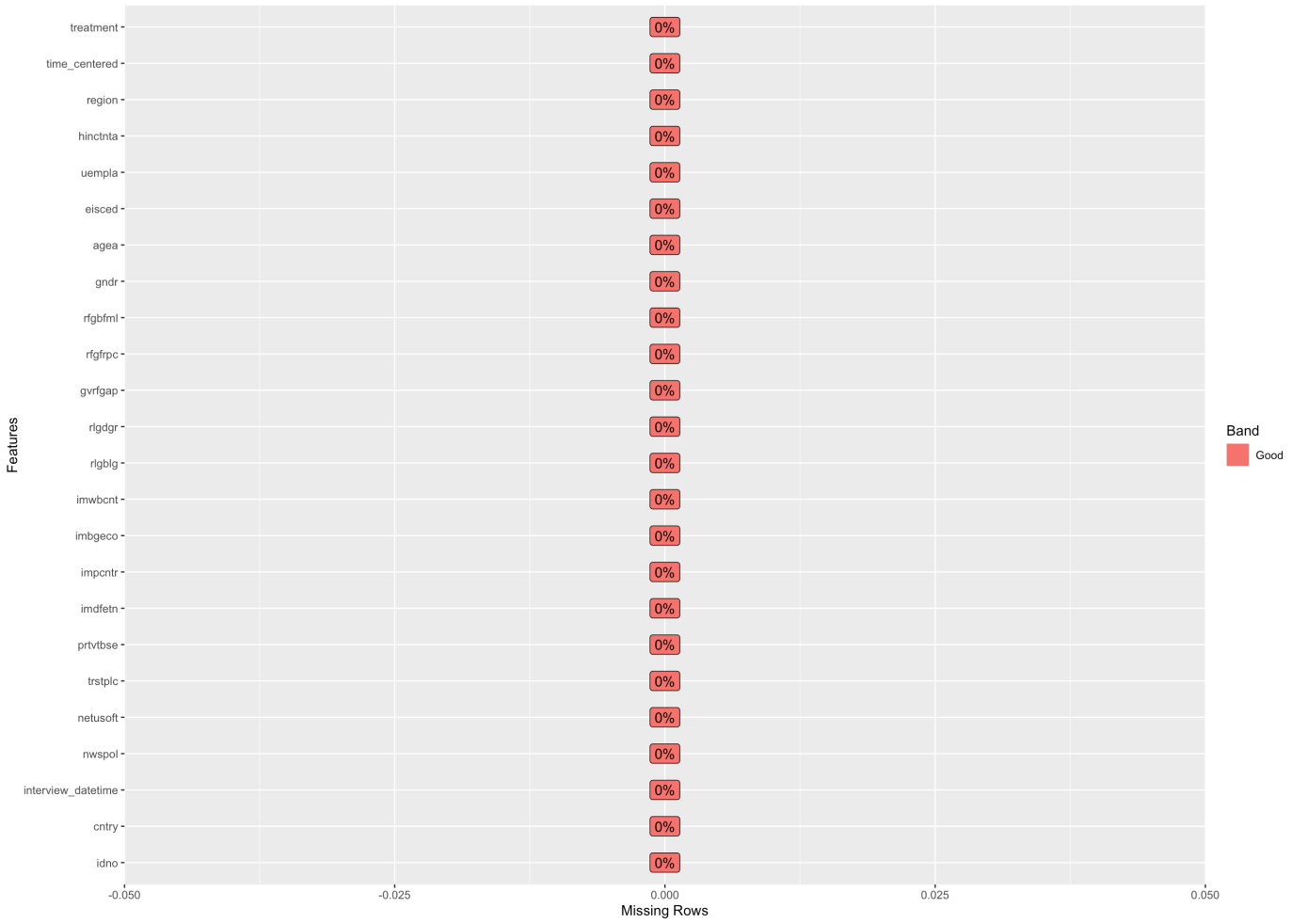
Percentages


Memory Usage: 1.6 Mb
Discrete Columns
Continuous Columns
All Missing Columns
Complete Rows
Missing Observations
17%
83%
0%
100%
0%
Metrics
0%
25%
50%
75%
100%
Value
Dimension
column
observation
row

Data Structure

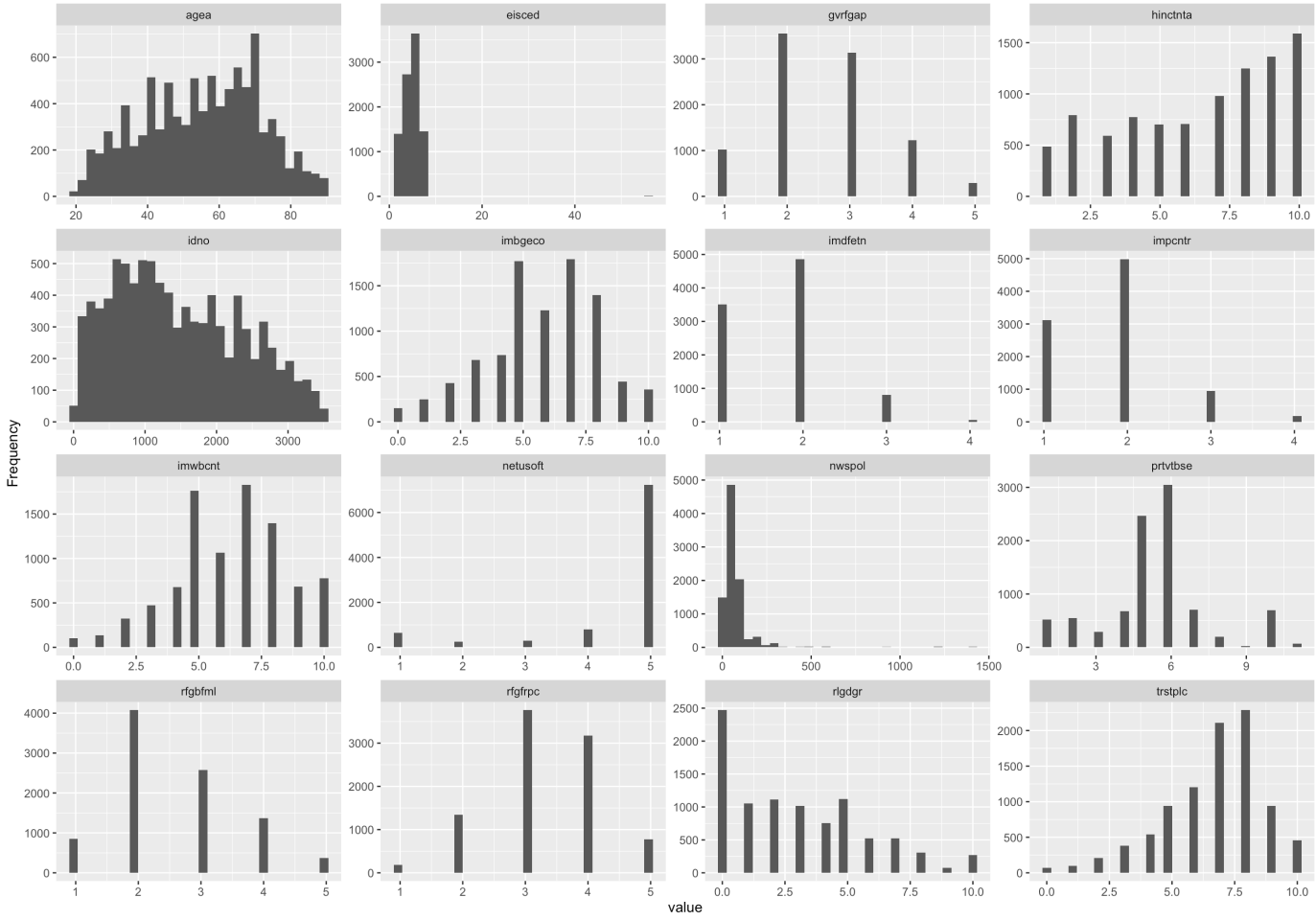


Missing Data Profile

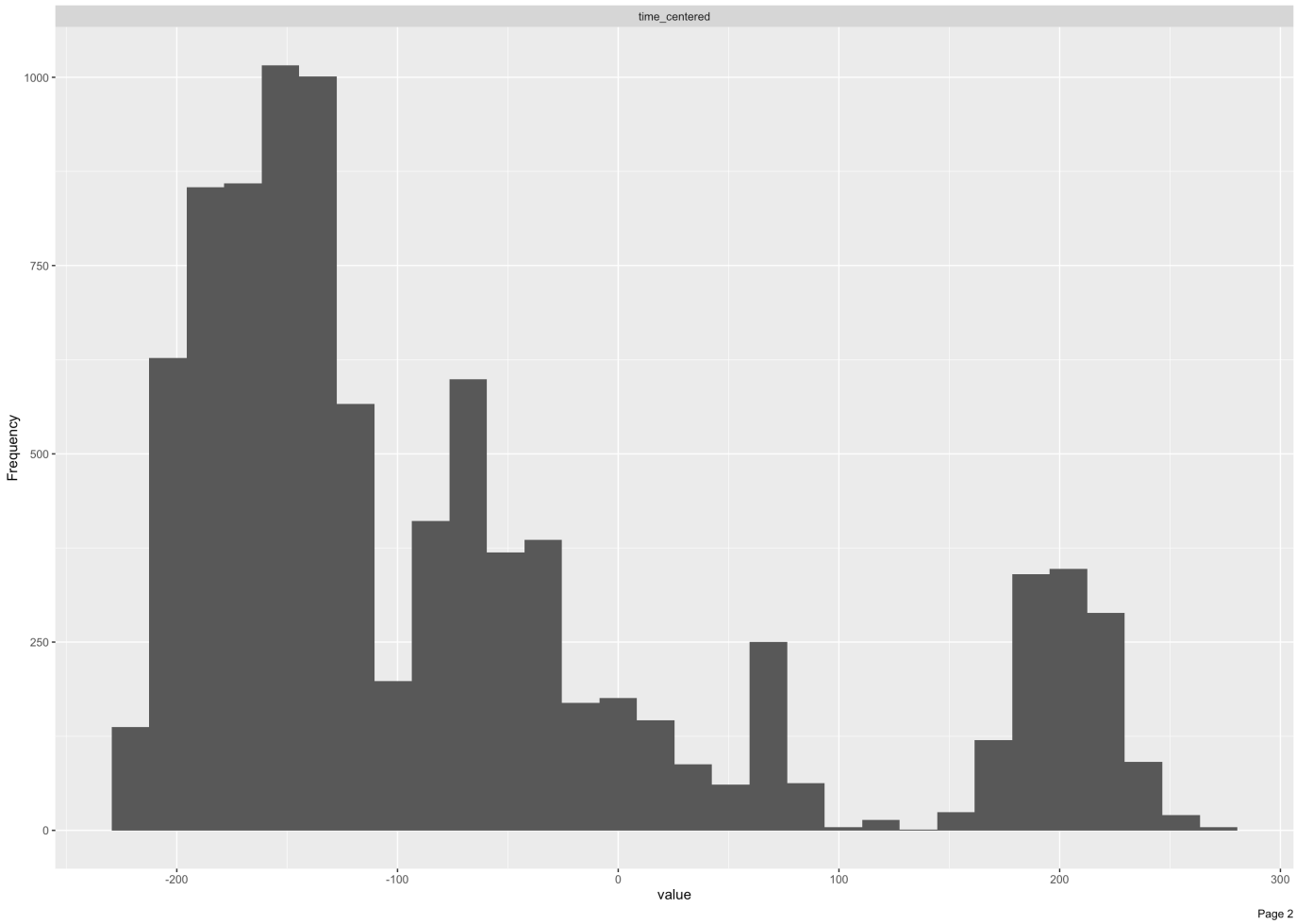


Univariate Distribution

Histogram



Page 1



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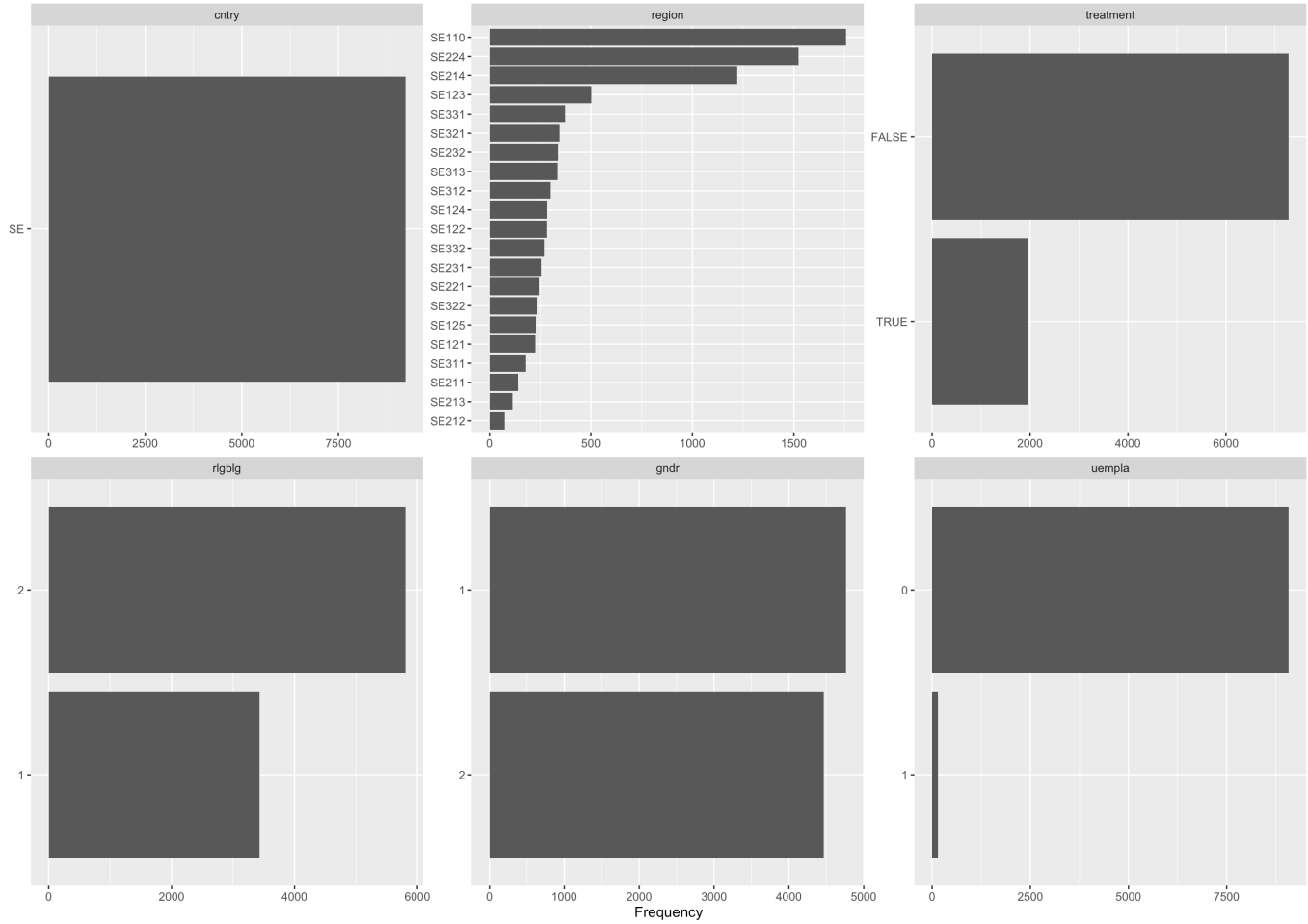
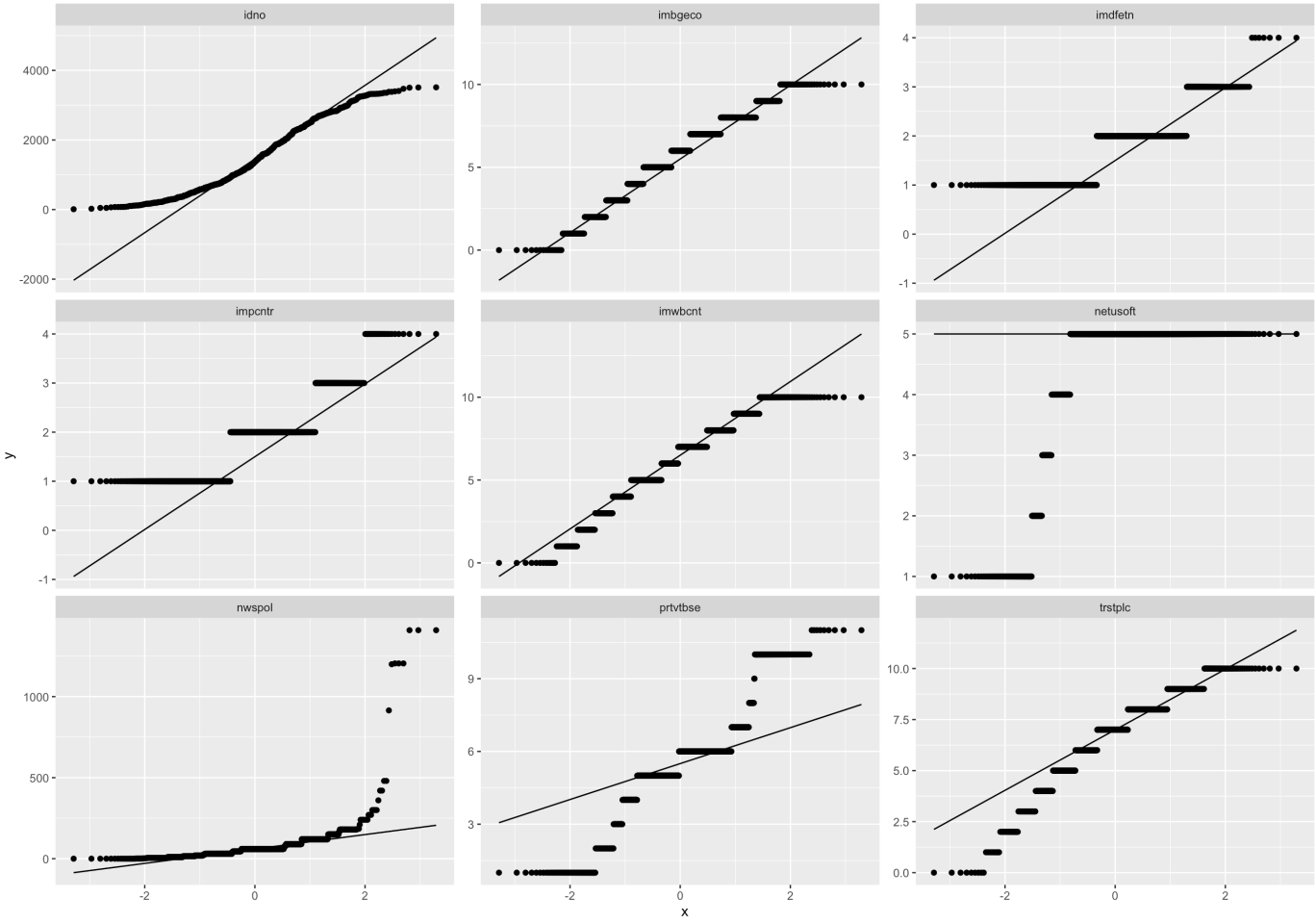
Bar Chart (with frequency)

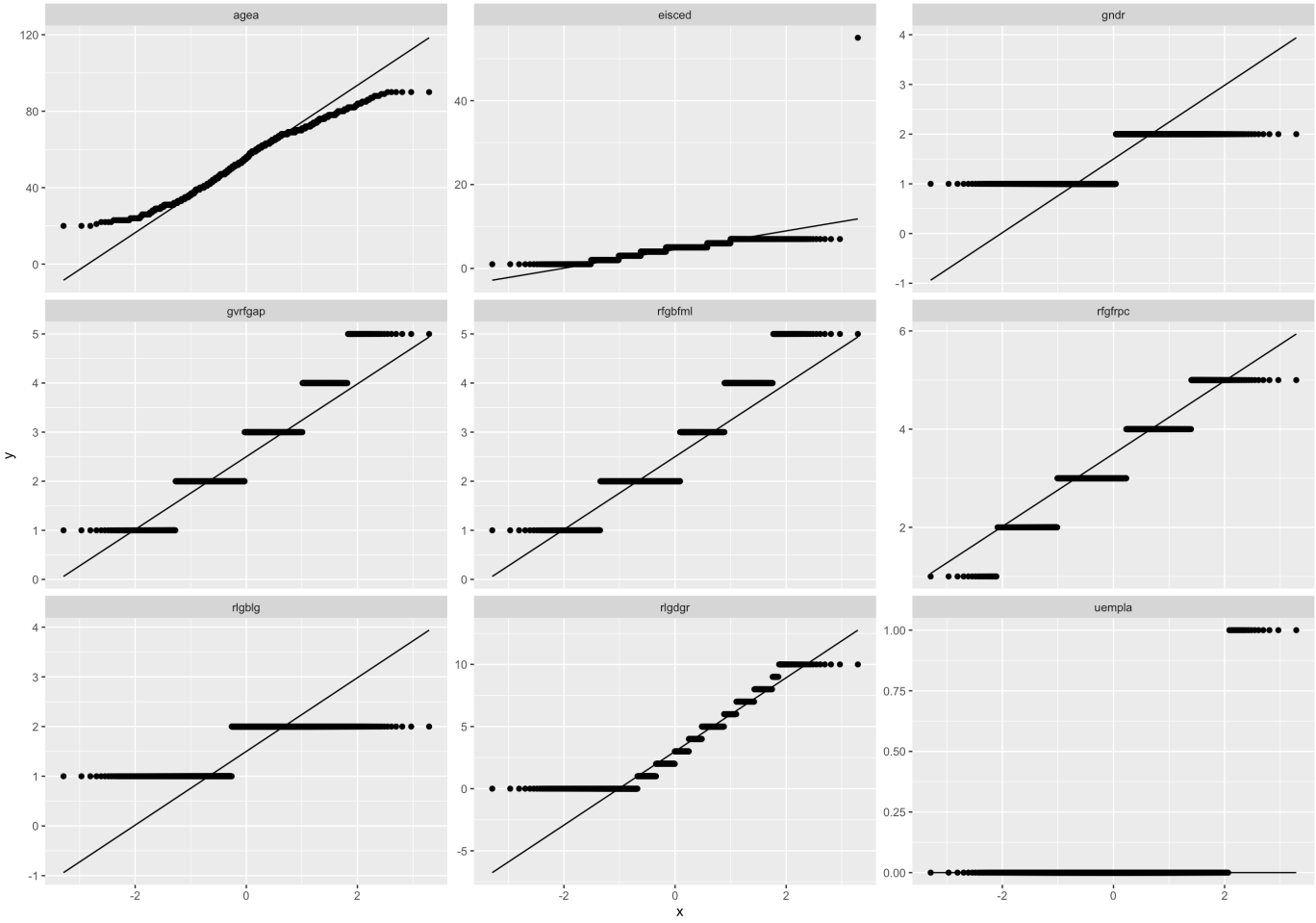
```
1 columns ignored with more than 50 categories.
interview_datetime: 413 categories
```



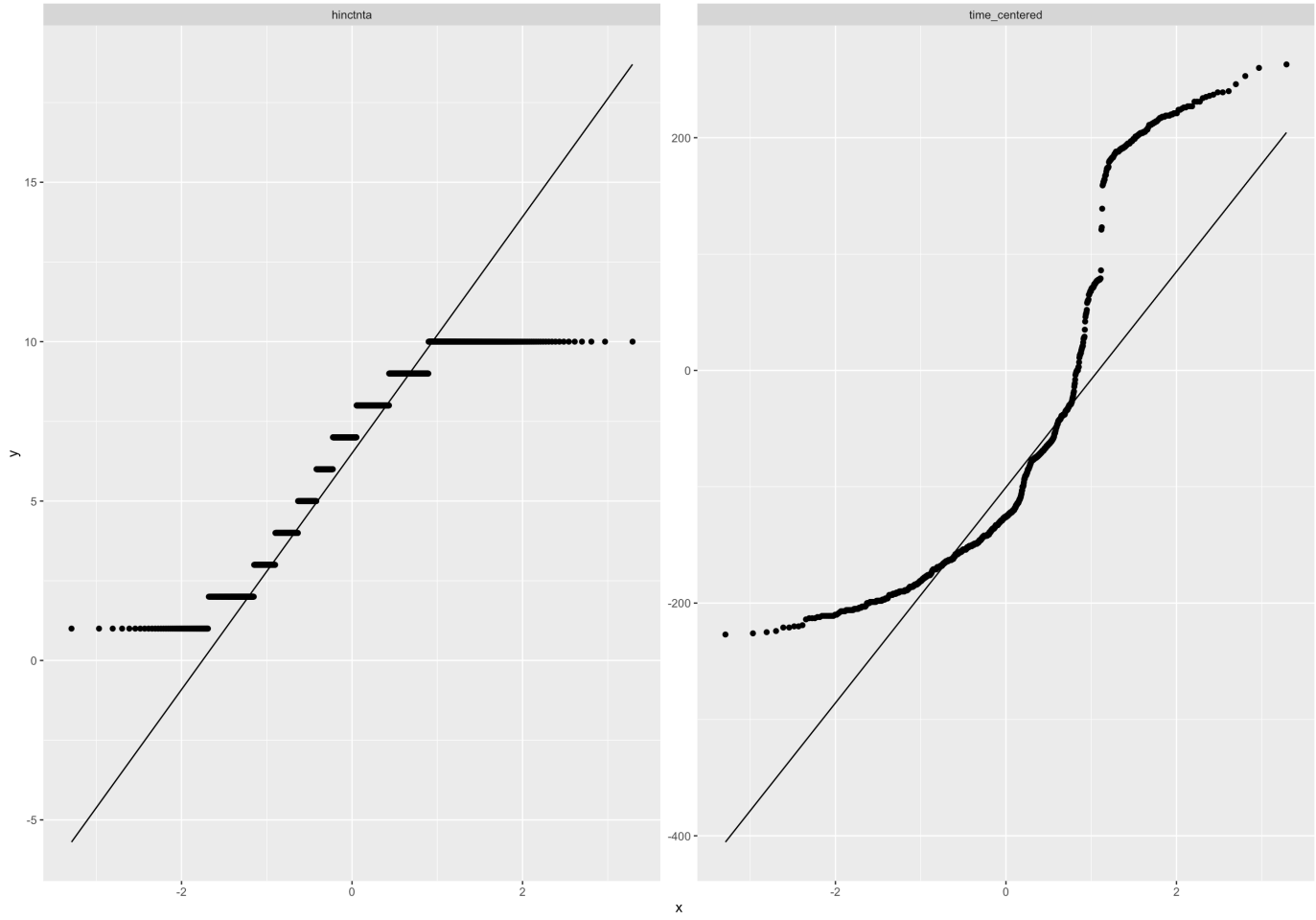
QQ Plot


idno
imbgeco
imdfetn
impcntr
imwbcnt
netusoft
nwspol
prtvtbse
trstplc
y
x

Page 1


agea
eisced
gndr
gvrfgap
rfgbfml
rfgfrpc
rlgblg
rlgdgr
uempla
y
x

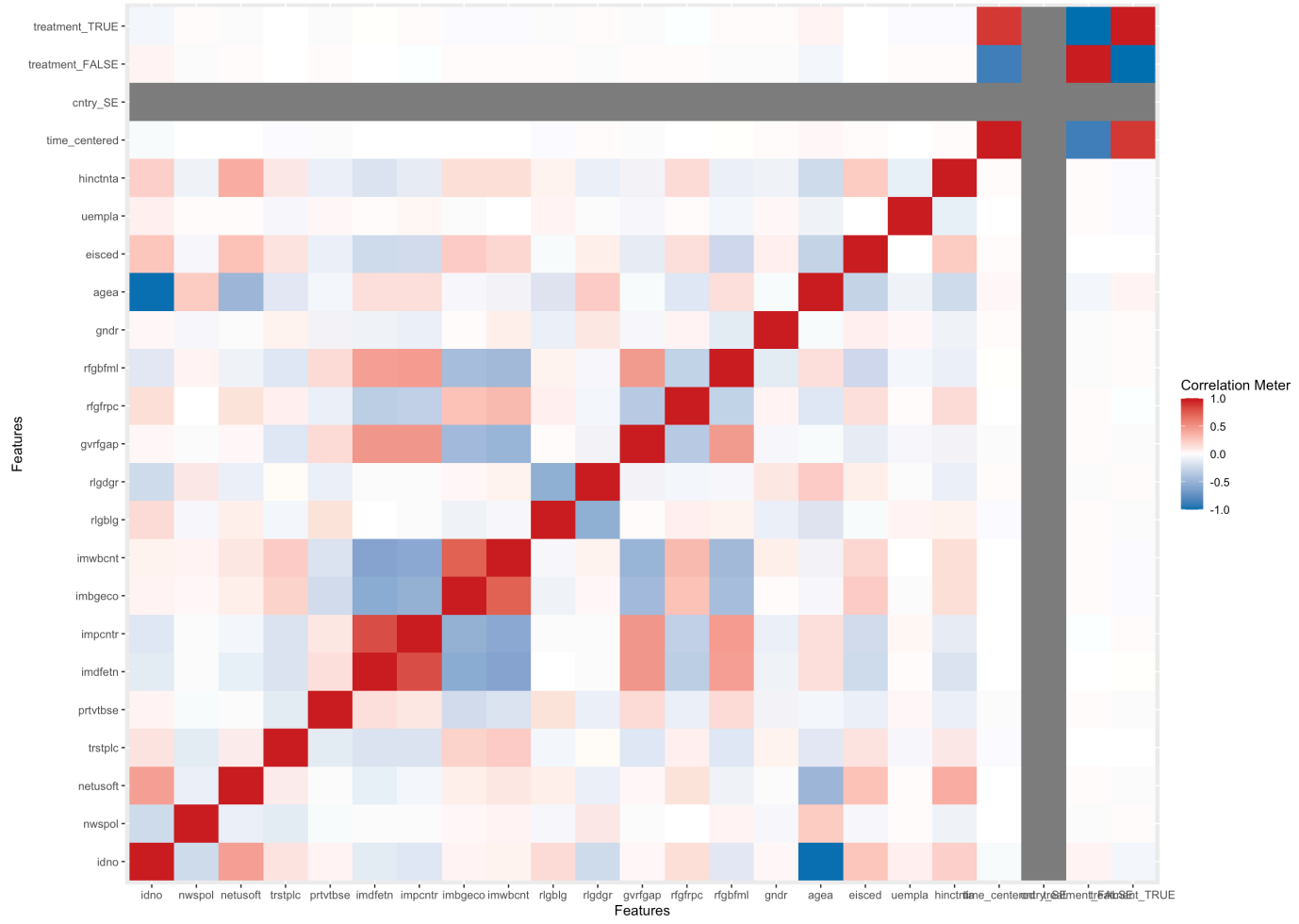
Page 2



Correlation Analysis

```
2 features with more than 20 categories ignored!
interview_datetime: 413 categories
region: 21 categories
```

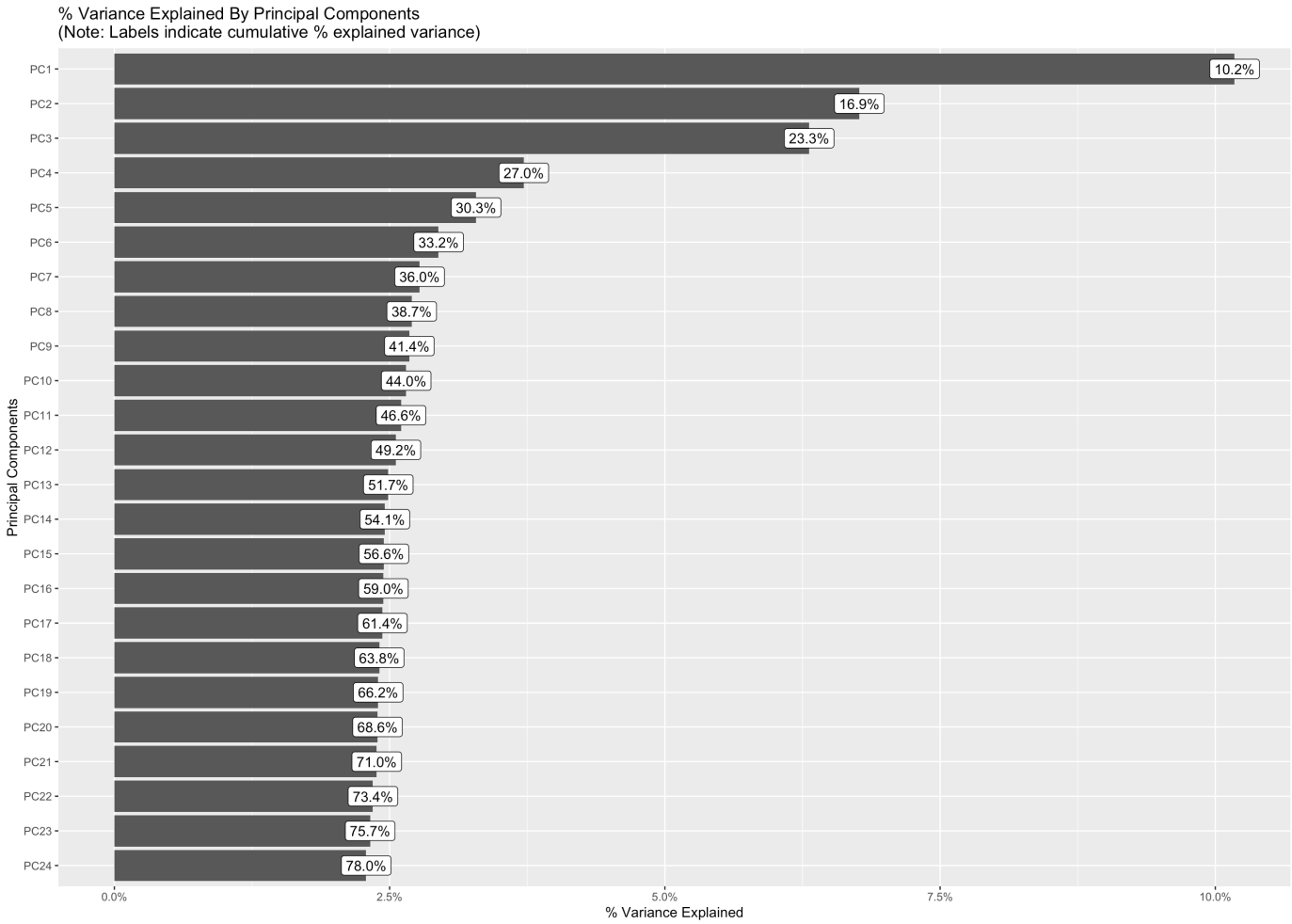
```
Warning in cor(x = structure(list(idno = c(10, 10, 10, 10, 10, 10, 10, 10, :
the standard deviation is zero
```

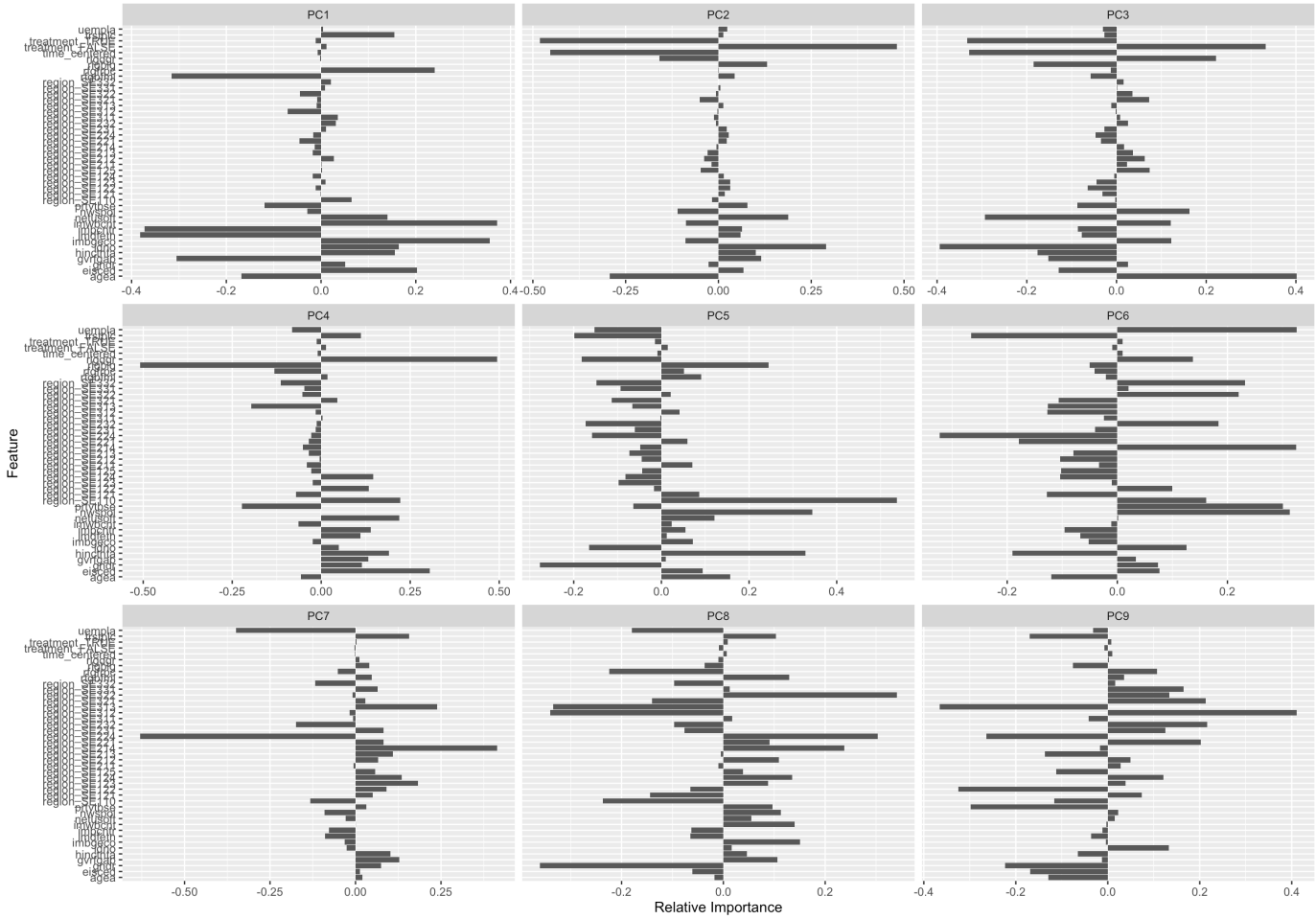


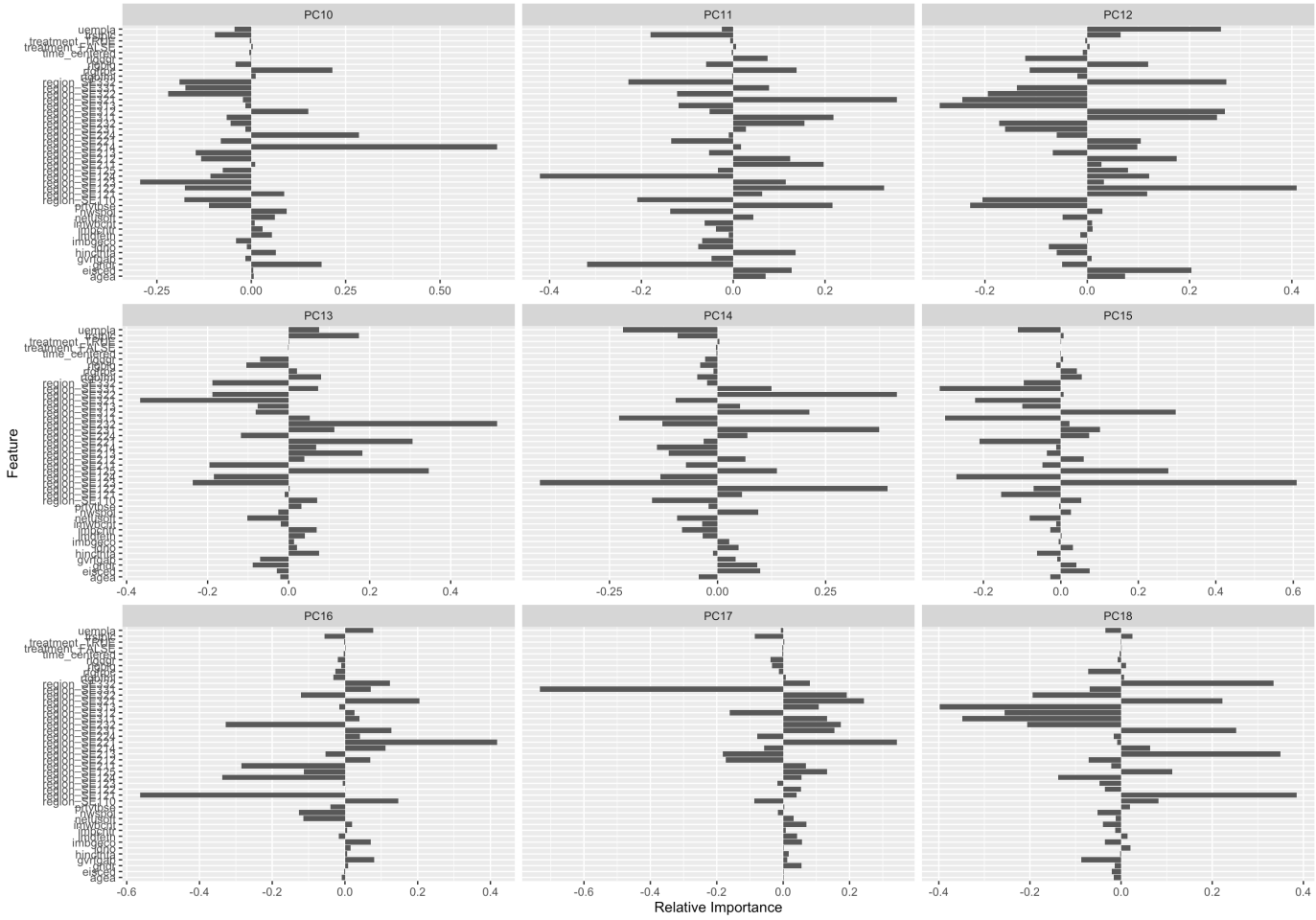
Principal Component Analysis

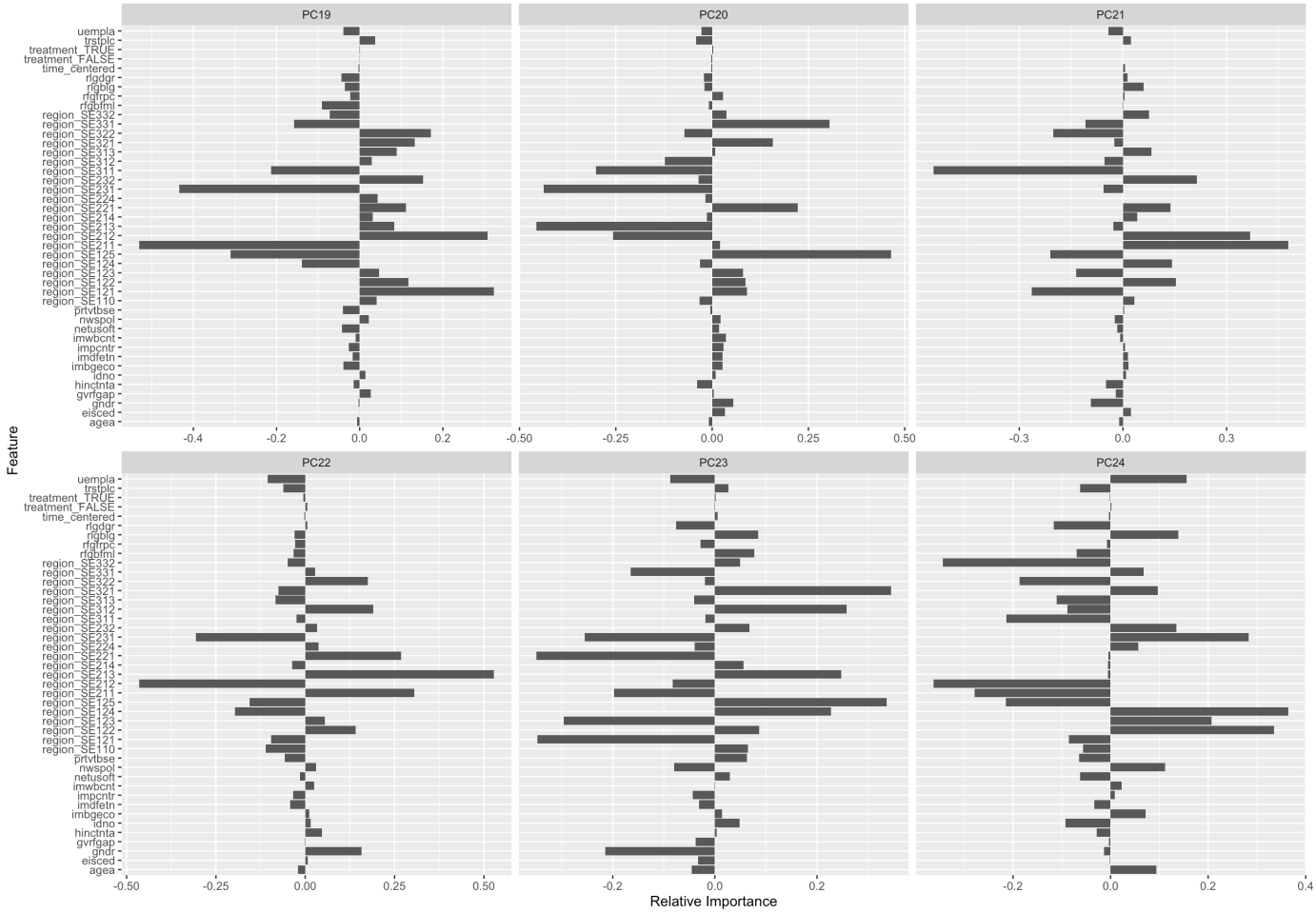
```
1 features with more than 50 categories ignored!
interview_datetime: 413 categories
```

```
Warning in plot_prcomp(data = structure(list(idno = c(10, 10, 10, 10, 10, : The
following features are dropped due to zero variance:
    * cntry_SE
```


% Variance Explained By Principal Components
(Note: Labels indicate cumulative % explained variance)
Principal Components
PC1
PC2
PC3
PC4
PC5
PC6
PC7
PC8
PC9
PC10
PC11
PC12
PC13
PC14
PC15
PC16
PC17
PC18
PC19
PC20
PC21
PC22
PC23
PC24
10.2%
16.9%
23.3%
27.0%
30.3%
33.2%
36.0%
38.7%
41.4%
44.0%
46.6%
49.2%
51.7%
54.1%
56.6%
59.0%
61.4%
63.8%
66.2%
68.6%
71.0%
73.4%
75.7%
78.0%
0.0%
2.5%
5.0%
7.5%
10.0%
% Variance Explained


PC1
PC2
PC3
PC4
PC5
PC6
PC7
PC8
PC9
Feature
Relative Importance


PC10
PC11
PC12
PC13
PC14
PC15
PC16
PC17
PC18
Feature
Relative Importance


PC19
PC20
PC21
PC22
PC23
PC24
Feature
Relative Importance